50X1-HUM

- 1. Construction of the Molotov Boring and Grinding Machine Factory Kharkov Machine Factory/ began about 1931, was completed about 1934 and went into production immediately. Erection of the foundry began in 1936 and was completed in 1938. The factory was built by the Ministry of Heavy Industry. It was transferred to the control of the Ministry of Machine Tools about 1938. The factory employed 3,000-3,500 workers, about 400 of whom were women. Female workers were employed as draftsmen, inspectors, office workers, or cleaning women. None of them were engaged in heavy work.
- 2. The plant produced the following types of boring and grinding machinery:

Grinding Machines

| | Longth* | Diameter* | Model Number | | |
|----------------------|--|--|--|--|--|
| a. b. c. d. | 750 mm 750 mm 1,000 mm 1,500 mm 2,000 mm | 1.50 mm 1.50 mm 200 mm 250 mm 250 mm | 312 315 (hydraulic) 3A12 3A15 (hydraulic) 3B15 (hydraulic) | | |

Production: 50-70 machines per month

* Length and diameter are the maximum size of the piece each machine was capable of handling.

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| | | DISTRIBUTION | | | | - | 1 |
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| | | | Sallan Michigan | | , |
| • • • • • • • • • • • • • • • • • • • | | | CONFIDENTIAL/SECURITY INFORM | MATION | 50X1-HU |
| and the second second | | Section of the sectio | Radiel Boring Machines | Nakali kalendar (1991) sa | erskalen seen film group voors ee |
| | | Length | Maximum Bore | Model Number | |
| | a. b. | 1,200 mm 1,200 mm | 50 mm. | 256 2A56 (improved | |
| | Produ | ction: 30-40 me | achines per month | machine) | |
| | c. | 1 meter | 25 mm | do not recall | |
| | Produ repai Compa | r factories and | ines per month. This was a sma l was a copy of a machine manuf | ll machine used in tractor actured by the US Hammond | · |
| | | | Crankshaft Grinding Ma | chine | |
| | | Length | Diameter | | 50X1-HU |
| | | 1,250 mm | 150 mm | | |
| | ficat: autome | ion was hand op | manufactured by Kellenberger. erated; on the original German | machine the table was | |
| 3. | The fa | actory had its | own design department known as | the Construction Bureau. | |
| | copies One gr was fa | picyed 20-30 des or modification inding machine oulty, and it was | sign engineers and draftsmen. ons of foreign machines with a was an original de s produced only briefly. rman machine built by Colb. | The machines were mostly few original designs. esign, but the design was a | 50X1-HU |
| | copies One gr was fa modifi | picyed 20-30 de: s or modification rinding machine aulty, and it was cation of a Ger machine but have | sign engineers and draftsmen. ons of foreign machines with a was an original despected only briefly. rman machine built by Colb. was an origiting a larger capacity. Radial | The machines were mostly few original designs. esign, but the design was a nal design based on the boring machine Model | 50X1-HUI 50X1-HUI 50X1-HUI |
| | opies One gr Was fa modifi | picyed 20-30 desormodification of a General Machine but have been achine but have been been achine but have been been achine but have b | sign engineers and draftsmen. ons of foreign machines with a was an original de sproduced only briefly. rman machine built by Colb. was an origi ing a larger capacity. Radial y of a foreign machine | The machines were mostly few original designs. esign, but the design was a land design based on the | 50X1-HU |

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50X1-HUM

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OVERLAY USAF TARGET MOSAIC-

KHARKOV MACHINE TOOL PLANT "MOLOTOV", KHARKOV, USSR

- (1) MACHINE SHOP
- (2) ASSEMBLEY SHOP
- (3) OFFICE
- (4) HENY MACHINE SHOP
- (5) EXPERIMENTAL AND INSTRUMENT SHOP
- (U) POWER STATION
- (7) FOUNDRY
- (8) WAREHOUSE
- 19) KHARKOV TRACTOR FACTORY (X. T. 3)
- (10) PROJECTED AIRPLANE FALTORY (UNDER CONSTRUCTION)



